s/n: 09/939,422 date: 7-26-05

| 706 | (359/290).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:13 |
|-------|---|---|---------------------------------------|
| 1598 | (359/290,223).CCLS. | IBM_TDB | 7/26/05 17:13 |
| | ("6388789").URPN. | USPAT | 7/26/05 17:13 |
| | ("2004/0130774").URPN. | USPAT | 7/26/05 17:43 |
| U | (2004/0130174).OKT N. | US-PGPUB; USPAT; USOCR; | 1/20/05 17.43 |
| 1 | ("6467345").PN. | IBM_TDB | 1/18/05 15:30 |
| • | (0407343).PN. | US-PGPUB; USPAT; USOCR; | 1/10/05 15.30 |
| 4 | ("ECOC 4.47") DN | | 4/40/05 45:00 |
| | ("5606447").PN. | IBM_TDB | 1/18/05 15:30 |
| . 0 | ("6369400").URPN. | USPAT | 1/18/05 15:27 |
| | (110000 1001) The | US-PGPUB; USPAT; USOCR; | |
| 1 | ("6369400").PN. | IBM_TDB | 1/18/05 14:22 |
| | slm or dmd or (spatial adj2 light adj2 mirror) or (digital adj2 | | |
| | mirror adj2 display) or micro\$2mirror or | US-PGPUB; USPAT; | |
| 13009 | (micro\$2electr\$5mechanical with (mirror or reflect\$3)) | IBM_TDB | 1/18/05 12:46 |
| | | US-PGPUB; USPAT; | |
| | S113 and (magnet same coil same gimbal) | IBM_TDB | 1/18/05 12:46 |
| | (("4479388") or ("5283491") or ("5606447") or ("5644177") or | | |
| | ("5867302") or ("6028689") or ("6094293") or ("6300733") or | US-PGPUB; USPAT; USOCR; | |
| 10 | ("6369400") or ("6483962")).PN. | IBM_TDB | 7/12/04 10:28 |
| | | US-PGPUB; USPAT; | |
| 9 | coil with mirror with torsion\$5 with hinge | IBM_TDB | 7/12/04 10:27 |
| | 6388789.URPN. | USPAT | 7/12/04 10:20 |
| | | US-PGPUB; USPAT; | |
| 574 | gimbal with coil | IBM_TDB | 7/12/04 8:30 |
| | ((359/223-226,290- | _ | |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | US-PGPUB; USPAT; | |
| 12 | (gimbal with coil) | IBM_TDB | 7/12/04 8:30 |
| | | US-PGPUB; USPAT; | |
| 369 | (gimbal with coil) same magnet\$5 | IBM_TDB | 7/12/04 8:29 |
| • | ((359/223-226,290- | <u>-</u> | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | US-PGPUB; USPAT; | |
| 12 | ((gimbal with coil) same magnet\$5) | IBM_TDB | 7/12/04 8:29 |
| | ((giribal Mili boll) ballib magnetbo) | | |
| | (((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | | |
| | ((gimbal with coil) same magnet\$5)) not (((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | US-PGPUB; USPAT; | |
| 2 | ((gimbal with coil) same mirror same magnet\$5)) | IBM_TDB | 7/12/04 8:29 |
| 2 | ((giribal with con) same minor same magnetys)) | US-PGPUB; USPAT; | 1712/04 0.23 |
| 25 | (gimbal with coil) same mirror same magnet\$5 | IBM_TDB | 7/12/04 8:28 |
| ან | ((359/223-226,290- | | 1112104 0.20 |
| | | US-PGPUB; USPAT; | |
| 40 | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | | 7/10/04 9:04 |
| 10 | ((gimbal with coil) same mirror same magnet\$5) | IBM_TDB | 7/12/04 8:24 |

| | | US-PGPUB; USPAT; | |
|--------|---|-----------------------------------|---------------------------|
| 65 | (oppos\$5 adj winding) same coil same magnet | IBM_TDB | 7/12/04 8:23 |
| | | US-PGPUB; USPAT; | |
| 747 | (opposite with winding) same coil same magnet | IBM_TDB | 7/12/04 8:07 |
| | (359/223-226,290- | US-PGPUB; USPAT; USOCR; | |
| 4308 | 291,295,298,302,315,318,850,871,872,877).CCLS. | IBM_TDB | 7/12/04 8:06 |
| | (359/223-226,290- | US-PGPUB; USPAT; USOCR; | |
| 4512 | 291,295,298,302,315,318,850,871,872,877).CCLS. | IBM_TDB | 7/12/04 8:06 |
| | ((opposite with winding) same coil same magnet) and | _ | |
| | ((359/223-226,290- | US-PGPUB; USPAT; | |
| 2 | 291,295,298,302,315,318,850,871,872,877).CCLS.) | IBM_TDB | 7/12/04 8:06 |
| | | US-PGPUB; USPAT; USOCR; | |
| . 1 | ("6044705").PN. | IBM_TDB | 7/12/04 7:09 |
| | (feedback with coil) and (((micro\$2mirror or ((micro adj | | |
| | electr\$4 adj mechanic\$4) same (mirror or reflect\$5)) or | | |
| | (digital adj micro\$4 adj mirror) or DMD)) and | US-PGPUB; USPAT; | |
| 7 | (electr\$5magnet\$5)) | IBM_TDB | 7/10/04 13:40 |
| | (micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) same | | |
| | (mirror or reflect\$5)) or (digital adj micro\$4 adj mirror) or | US-PGPUB; USPAT; | |
| 6534 | DMD) | IBM_TDB | 7/10/04 13:39 |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) | | |
| | same (mirror or reflect\$5)) or (digital adj micro\$4 adj mirror) | US-PGPUB; USPAT; | |
| 1166 | or DMD)) and (electr\$5magnet\$5) | IBM_TDB | 7/10/04 13:39 |
| | (mirror or micro\$2mirror or (micro adj electr\$4 adj | US-PGPUB; USPAT; | |
| 328735 | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD) | IBM_TDB | 7/10/04 13:38 |
| | (micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or | US-PGPUB; USPAT; | |
| 9536 | (digital adj micro\$4 adj mirror) or DMD) | IBM_TDB | 7/10/04 13:38 |
| | coil same magnet same (mirror or micro\$2mirror or (micro | | |
| | adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj | US-PGPUB; USPAT; | |
| 1654 | mirror) or DMD) | IBM_TDB | 7/10/04 13:37 |
| | | US-PGPUB; USPAT; | |
| 32 | feedback with (excitation adj coil) | IBM_TDB | 7/10/04 13:37 |
| 5070 | z (1) 1 21 21 | US-PGPUB; USPAT; | 7/40/04 40 07 |
| 5679 | feedback with coil | IBM_TDB | 7/10/04 13:37 |
| _ | | US-PGPUB; USPAT; | 7/40/04 40:07 |
| 2 | ((359/239).CCLS.) and (feedback with coil) | IBM_TDB | 7/10/04 13:37 |
| · • | (foodbook with (overlation adjoo!))) and mirror | US-PGPUB; USPAT; | 7/40/04 40:06 |
| 2 | (feedback with (excitation adj coil)) and mirror | IBM_TDB . US-PGPUB; USPAT; USOCR; | 7/10/04 13:36 |
| 90 | (250/220) CCI S | | 7/10/04 13:36 |
| 09 | (359/239).CCLS. | IBM_TDB US-PGPUB; USPAT; | 7/10/04 13.30 |
| 0 | (feedback with (excitation adj coil)) and magnte\$5 | IBM TDB | 7/10/04 13:34 |
| U | (reedback with (excitation adj coil)) and magnite#3 | US-PGPUB; USPAT; | 7710/04 13.54 |
| 25 | feedback same angle same deflection same coil | IBM_TDB | 3/19/04 15:20 |
| 25 | reedback same angle same deflection same con | US-PGPUB; USPAT; | 3/19/04 13.20 |
| 317 | feedback same angle same deflection | IBM_TDB | 3/19/04 15:19 |
| 317 | (feedback same angle same deflection) and (mirror or | | 5/15/0 1 15.15 |
| | micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or | US-PGPUB; USPAT; | |
| 120 | (digital adj micro\$4 adj mirror) or DMD) | IBM_TDB | 3/19/04 15:17 |
| 120 | (algical daj fillotow i daj fillitor) of DiffiD) | .5155 | S. 10/07 10.17 |

| | | | | • |
|---|-----|---|-----------------------------|---------------|
| | ı | | | |
| • | | • | | |
| | | | | |
| | | (foodback same angle same deflection) and (misset@misses | | |
| | | (feedback same angle same deflection) and (micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 | LIS DODLIB: LISDAT: | |
| | 12 | adj mirror) or DMD) | IBM_TDB | 3/19/04 15:17 |
| | 12 | ((feedback same angle same deflection) and (mirror or | IDIVI_IDB | 3/19/04 15.17 |
| | | micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or | US-PGPUB; USPAT; | |
| | 88 | (digital adj micro\$4 adj mirror) or DMD)) not "359"/\$.ccls. | IBM_TDB | 3/19/04 15:16 |
| | • | (algital adj Illiolog I adj Illiolog of Billo)) Not 300 /4.000. | US-PGPUB; USPAT; | 3/13/04 13:10 |
| | 3 | ((338/47).CCLS.) and torsion and angle | IBM_TDB | 3/19/04 15:15 |
| | | | US-PGPUB; USPAT; USOCR; | |
| | 1 | ("5648618").PN. | IBM_TDB | 3/19/04 15:10 |
| | | | US-PGPUB; USPAT; USOCR; | |
| | 177 | (338/47).CCLS. | IBM_TDB | 3/19/04 15:10 |
| | 6 | 6392220.URPN. | USPAT | 3/19/04 11:23 |
| | 51 | 5648618.URPN. | USPAT | 3/19/04 11:20 |
| | | | US-PGPUB; USPAT; USOCR; | |
| | 1 | ("6580846").PN. | IBM_TDB | 3/19/04 10:50 |
| | | 41 | US-PGPUB; USPAT; USOCR; | |
| | 1 | ("6044705").PN. | IBM_TDB | 3/19/04 10:50 |
| | - | ("4365863" "5524153" "6097858" "6210401" | HODAT | 0/40/04 40 00 |
| | | "6344912").PN. | USPAT | 3/19/04 10:39 |
| | U | 6580846.URPN. | USPAT | 3/19/04 10:38 |
| | 20 | (magnet\$5 adj actuator) and micromirror | US-PGPUB; USPAT; IBM_TDB | 3/19/04 10:37 |
| | | 6181460.URPN. | USPAT | 3/19/04 10:31 |
| | 7 | (("4479388") or ("5283491") or ("5606447") or ("5644177") or | 301 AT | 3/13/04 10.31 |
| | | ("5867302") or ("6028689") or ("6094293") or ("6300733") or | US-PGPUB; USPAT; USOCR; | |
| | 10 | ("6369400") or ("6483962")).PN. | IBM_TDB | 3/19/04 10:28 |
| | | (, - · (- · , , · · · · · · | US-PGPUB; USPAT; USOCR; | |
| | 1 | ("5778513").PN. | IBM_TDB | 3/19/04 10:28 |
| | 0 | 6369400.URPN. | USPAT | 3/19/04 10:26 |
| | 1 | 6313905.PN. | USPAT | 3/19/04 10:26 |
| | | • | US-PGPUB; USPAT; | |
| | | (array near2 mirror) and gimbal and coils and magnets | IBM_TDB | 3/19/04 10:19 |
| | | 5969465.URPN. | USPAT | 3/9/04 15:21 |
| | | 5543956.URPN. | USPAT | 3/9/04 15:17 |
| | , 7 | 5107366.URPN. | USPAT | 3/9/04 15:15 |
| | | electromagnetic same magnet same (mirror or | LIC DODUB, LICDAT | |
| | 196 | micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or pixel) | US-PGPUB; USPAT; IBM_TDB | 3/9/04 15:13 |
| | 400 | (((359/223-226,290- | IBM_106 | 3/9/04 13.13 |
| | | 291,295,298,302,315,318,850,871,872,877) or | | |
| | | (345/55,85,108,111)).CCLS.) and (electromagnetic same | | |
| | | magnet same (mirror or micro\$2mirror or (micro adj electr\$4 | | |
| | | adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | US-PGPUB; USPAT; | |
| | 64 | pixel)) | IBM_TDB | 3/9/04 15:13 |
| | | ((((359/223-226,290- | | |
| | | 291,295,298,302,315,318,850,871,872,877) or | | |
| | | (345/55,85,108,111)).CCLS.) and (electromagnetic same | • | |
| | | magnet same (mirror or micro\$2mirror or (micro adj electr\$4 | | |
| | | adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | | |
| | 61 | pixel))) and coil\$3 | IBM_TDB | 3/9/04 15:13 |
| | | | | |
| | | | | |

| | (mirror or micro\$2mirror or (micro adj electr\$4 adj | = | |
|--------|--|-------------------------|--------------|
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | US-PGPUB; USPAT; | |
| 411991 | · · · | IBM_TDB | 3/9/04 15:11 |
| | ((((mirror or micro\$2mirror or (micro adj electr\$4 adj | | |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | 110 DODUB 110D 17 | |
| 25 | pixel)) and (feedback with deflection with detect\$5)) and | US-PGPUB; USPAT; | 0/0/04 45 44 |
| 25 | mirror) and magnet | IBM_TDB | 3/9/04 15:11 |
| | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | LIC DODUD, LICDAT. | |
| 100 | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | US-PGPUB; USPAT; | 2/0/04 45:05 |
| 100 | pixel)) and (feedback with deflection with detect\$5) (((mirror or micro\$2mirror or (micro adj electr\$4 adj | IBM_TDB | 3/9/04 15:05 |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | | |
| | pixel)) and (feedback with deflection with detect\$5)) and | US-PGPUB; USPAT; | |
| 94 | mirror | IBM_TDB | 3/9/04 15:05 |
| 34 | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | IDIVI_100 | 3/9/04 13.03 |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | US-PGPUB; USPAT; | • |
| 22 | pixel)) and (feedback with angular with deflection) | IBM_TDB | 3/9/04 15:04 |
| | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | .555 | 0,0,0,110.01 |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | US-PGPUB; USPAT; | |
| 464 | pixel)) and (feedback with deflection) | IBM_TDB | 3/9/04 15:04 |
| | ("4229081" "4317611" "4580873" "4725127" "5042889" | _ | |
| | "5216490" "5579148" "5729642" "5808780" "5912608" | | |
| | "5923798" "5956292" "6005993" "6031947" | | |
| 15 | "6049404").PN. | USPAT | 3/9/04 14:10 |
| 6 | 6388789.URPN. | USPAT | 3/9/04 14:09 |
| | | US-PGPUB; USPAT; USOCR; | |
| 1 | ("5912608").PN. | IBM_TDB | 3/9/04 14:04 |
| | , , , , , , , , , , , , , , , , , , , | US-PGPUB; USPAT; USOCR; | |
| | ("5629790").PN. | IBM_TDB | 3/9/04 14:04 |
| | 6201629.URPN. | USPAT | 3/9/04 13:50 |
| | ("5606447" "5912608").PN. | USPAT | 3/9/04 13:44 |
| U | 6122089.URPN. (((mirror or micro\$2mirror or (micro adj electr\$4 adj | USPAT | 3/9/04 13:44 |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | | |
| | pixel)) and ((electro\$2magnetic adj actuator) same | US-PGPUB; USPAT; | |
| 3.4 | (permanent adj magnet))) and array | IBM_TDB | 3/9/04 13:42 |
| | 5912608.URPN. | USPAT | 3/9/04 13:42 |
| 10 | (electro\$2magnetic adj actuator) same (permanent adj | US-PGPUB; USPAT; | 0/0/04 10.42 |
| 353 | magnet) | IBM_TDB | 3/9/04 13:33 |
| | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | <u>.</u> | 0,0,0,1,0,00 |
| • | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or | • | |
| | pixel)) and ((electro\$2magnetic adj actuator) same | US-PGPUB; USPAT; | |
| 79 | (permanent adj magnet)) | IBM_TDB | 3/9/04 13:33 |
| | (((359/223-226,290- | - | |
| | 291,295,298,302,315,318,850,871,872,877) or | | |
| | $(345/55,85,108,111))$.CCLS.) and $(((micro\$2mirror\ or\ ((micro\$2mirror\ or\ (micro\$2mirror\ or\ or\ or\ or\ or\ or\ or\ or\ or$ | | |
| | adj electr\$4 adj mechanic\$4) with mirror) or (digital adj | | |
| | micro\$4 adj mirror) or DMD or pixel)) and | US-PGPUB; USPAT; | |
| 15 | (electro\$2magnetic adj actuator)) | IBM_TDB | 3/9/04 13:32 |
| | | | |

| 122 | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) mirror) or (digital adj micro\$4 adj mirror) or DMD or pixe and (electro\$2magnetic adj actuator) | | US-PGPUB; USPAT; IBM_TDB | 3/9/04 13:27 |
|--------|---|----------|---|--------------|
| 127347 | (micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) mirror) or (digital adj micro\$4 adj mirror) or DMD or pixe | | US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; | 3/9/04 13:26 |
| 4537 | electro\$2magnetic adj actuator | | IBM_TDB | 3/9/04 13:26 |
| | ("4229732" "4441791" "5172262" "5311360" "55173 "5610757" "5661592" "5748172" "5768009" "58673 "5926309" "5999303" "6025951" "6028689" "64455 | 02" | | • |
| | "2001/0028756" "2002/0031305").PN. | | USPAT | 3/9/04 11:17 |
| | ("4421381" "5629790" "5748172").PN. | | USPAT | 3/9/04 11:12 |
| 16 | Asada-Norihiro.in. and mirror | | EPO; JPO | 3/9/04 11:09 |
| | | | US-PGPUB; USPAT; USOCR; | |
| 1 | ("5748172").PN. | | IBM_TDB | 3/9/04 11:09 |
| 1 | | 0950 | EPO; JPO | 3/9/04 11:07 |
| 66 | Asada-Norihiro.in. | | EPO; JPO | 3/9/04 11:07 |
| | | | US-PGPUB; USPAT; | |
| | WO00/50950 | | IBM_TDB | 3/9/04 11:06 |
| 0 | WO00/50950 | | EPO; JPO | 3/9/04 11:06 |
| | , | | US-PGPUB; USPAT; | |
| | ((345/111).CCLS.) and mirror | | IBM_TDB | 3/9/04 11:05 |
| 6 | 5748172.URPN. | | USPAT | 3/9/04 11:01 |
| | | | US-PGPUB; USPAT; USOCR; | |
| 108 | (345/111).CCLS. | | IBM_TDB | 3/9/04 10:58 |
| | (((359/223-226,290- | | | |
| | 291,295,298,302,315,318,850,871,872,877) or | | | |
| | (345/55,85,108,111)).CCLS.) and ((mirror or micro\$2mi | | | |
| | or (micro adj electr\$4 adj mechanic\$4) or (digital adj mi | cro\$4 | | |
| 3964 | adj mirror) or DMD or pixel)) | | IBM_TDB | 3/9/04 10:57 |
| | ("5498312" "5606447" "6295154" "6430332" | | | |
| | "2001/0022682" "2002/0018615" "2002/0034024" | | | |
| | "2002/0034026" "2002/0070335" "2002/0074310" | | LIGOAT | 0/0/04 40 57 |
| 4 | "2002/0075553" "2002/0118429").PN. | | USPAT | 3/9/04 10:57 |
| 045405 | (mirror or micro\$2mirror or (micro adj electr\$4 adj | | US-PGPUB; USPAT; | 2/0/04 40:07 |
| 315435 | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD) | ما فند . | IBM_TDB | 3/9/04 10:37 |
| | (micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) | | HE DODIES HEDAT | |
| 04074 | mirror) or (digital adj micro\$4 adj mirror) or DMD or pixe | :1) | US-PGPUB; USPAT; | 2/0/04 40:27 |
| 310/1 | with array | | IBM_TDB | 3/9/04 10:37 |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) | | LIC DODLIB: LICDAT. | |
| 20 | mirror) or (digital adj micro\$4 adj mirror) or DMD) with a | iiay) | | 2/0/04 10:26 |
| 39 | and ((coil or winding) same magnet) | | IBM_TDB | 3/9/04 10:36 |
| | (((359/223-226,290- | | | |
| | 291,295,298,302,315,318,850,871,872,877) or | niorio | | |
| | (345/55,85,108,111)).CCLS.) and ((micro\$2mirror or ((m | HUIO | LIS DODLIB: LISDAT: | |
| 677 | adj electr\$4 adj mechanic\$4) with mirror) or (digital adj micro\$4 adj mirror) or DMD or pixel) with array) | | US-PGPUB; USPAT; | 3/9/04 10:36 |
| 077 | Thiotogram and military of Divid of pixely with array) | | IBM_TDB | 3/3/04 10.30 |

| | ((coil or winding) same (array near2 magnet)) and | | |
|--------|--|-------------------------|--------------|
| | ((((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877) or | | |
| | (345/55,85,108,111)).CCLS.) and ((micro\$2mirror or ((micro | HO DODUB HODAT | |
| • | adj electr\$4 adj mechanic\$4) with mirror) or (digital adj | US-PGPUB; USPAT; | 0/0/04 40 00 |
| U | micro\$4 adj mirror) or DMD or pixel) with array)) | IBM_TDB | 3/9/04 10:36 |
| | ((coil or winding) same (array near2 magnet)) and | | |
| | (((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | | |
| | mirror) or (digital adj micro\$4 adj mirror) or DMD) with array) | | |
| 0 | and ((coil or winding) same magnet)) | IBM_TDB | 3/9/04 10:36 |
| | ((((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877) or | · | |
| | (345/55,85,108,111)).CCLS.) and ((micro\$2mirror or ((micro | | |
| | adj electr\$4 adj mechanic\$4) with mirror) or (digital adj | | |
| | micro\$4 adj mirror) or DMD or pixel) with array)) and ((coil or | | |
| 21 | winding) same magnet) | IBM_TDB | 3/9/04 10:36 |
| | • | · | |
| | (micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | US-PGPUB; USPAT; | |
| 1640 | mirror) or (digital adj micro\$4 adj mirror) or DMD) with array | IBM_TDB | 3/9/04 10:35 |
| | ((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877) or | US-PGPUB; USPAT; USOCR; | |
| 4992 | (345/55,85,108,111)).CCLS. | IBM_TDB | 3/9/04 10:35 |
| | | US-PGPUB; USPAT; | |
| 638 | (coil or winding) same (array near2 magnet) | IBM_TDB | 3/9/04 10:30 |
| | | | |
| | ((coil or winding) same (array near2 magnet)) and | <u>.</u> | |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | | |
| 0 | mirror) or (digital adj micro\$4 adj mirror) or DMD) with array) | IBM_TDB | 3/9/04 10:29 |
| | | | |
| | ((coil or winding) same (array near2 magnet)) and | | |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | | |
| 14 | mirror) or (digital adj micro\$4 adj mirror) or DMD or pixel)) | IBM_TDB | 3/9/04 10:27 |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | | |
| | mirror) or (digital adj micro\$4 adj mirror) or DMD or pixel)) | | |
| | not (((359/223-226,290- | | |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | | |
| | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | | |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD)) and | | |
| 127345 | ((coil or winding) same (array near2 magnet))) | IBM_TDB | 3/9/04 10:27 |
| | (((coil or winding) same (array near2 magnet)) and | | |
| | ((micro\$2mirror or ((micro adj electr\$4 adj mechanic\$4) with | | |
| | mirror) or (digital adj micro\$4 adj mirror) or DMD or pixel))) | | |
| | not (((359/223-226,290- | | • |
| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and | | |
| | ((mirror or micro\$2mirror or (micro adj electr\$4 adj | | |
| | mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD)) and | | |
| 12 | ((coil or winding) same (array near2 magnet))) | IBM_TDB | 3/9/04 10:27 |
| | | | |

| | 291,295,298,302,315,318,850,871,872,877).CCLS.) and ((mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD)) and | US-PGPUB; USPAT; | |
|------|---|-----------------------------|--------------|
| 3 | ((coil or winding) same (array near2 magnet)) (coil same magnet same (mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj | IBM_TDB | 3/9/04 10:24 |
| | mirror) or DMD or (spatial adj light adj modulator) or SLM)) | US-PGPUB; USPAT; | |
| 52 | and (array near2 magnets) | IBM_TDB | 3/9/04 10:19 |
| 1 | 6144119.URPN. | USPAT | 3/9/04 8:43 |
| | ("3851196" "4555650" "4654571" "5153494" "5196745" "5334892" "5528118" "5623853" "5715037" | | |
| 10 | "5773837").PN. | USPAT | 3/9/04 8:43 |
| | (coil same magnet same (mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj | LIO DODUD LIODAT | |
| 404 | mirror) or DMD or (spatial adj light adj modulator) or SLM)) | US-PGPUB; USPAT; | 0/0/04 0 0/ |
| 104 | and (inner same outer same frame) ((coil same magnet same (mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or (spatial adj light adj modulator) or SLM)) | IBM_TDB | 3/9/04 8:39 |
| | and (inner same outer same frame)) and (array near2 | US-PGPUB; USPAT; | |
| 1 | magnets) (coil same magnet same (mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj | IBM_TDB | 3/9/04 8:39 |
| | mirror) or DMD or (spatial adj light adj modulator) or SLM)) | US-PGPUB; USPAT; | |
| 115 | and gimbal coil same magnet same (mirror or micro\$2mirror or (micro | IBM_TDB | 3/9/04 8:38 |
| 1658 | adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj mirror) or DMD or (spatial adj light adj modulator) or SLM) ((coil same magnet same (mirror or micro\$2mirror or (micro adj electr\$4 adj mechanic\$4) or (digital adj micro\$4 adj | US-PGPUB; USPAT; IBM_TDB | 3/9/04 8:3 |
| | mirror) or DMD or (spatial adj light adj modulator) or SLM)) | US-PGPUB; USPAT; | |
| ٥ | and gimbal) and (array with magnets) | IBM_TDB | 3/9/04 8:3 |
| 0 | and gimbal, and (array with magnets) | IDIVI_ I DD | 3/8/04 0.3 |
| | | | |
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Interference Search History s/n: 09/939,422 date: 7-26-05

| 706 (359/290).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:13 |
|--|---|---------------|
| 1598 (359/290,223).CCLS. | IBM TDB | 7/26/05 17:13 |
| 18 ("6388789").URPN. | USPAT | 7/26/05 17:32 |
| 0 ("2004/0130774").URPN. | USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:43 |
| 897 (mirror and gimbal and coil)".clm" | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:59 |
| 897 (mirror and gimbal and coil)".clm" | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:55 |
| 869 6 not 2 | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 17:56 |
| 47 (mirror and gimbal and coil).clm. | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 18:03 |
| 0 bernstein-jonathon\$9.in. | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 18:03 |
| 46 bernstein-jonathan\$9.in. | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | 7/26/05 18:03 |
| 11 10 and mirror and coil | IBM_TDB | 7/26/05 18:03 |